

032404

11636 U.S. PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2006, OMB 0651-0032

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Only for new nonprovisional applications under 37 CFR 1.53(b)

Attorney Docket No.	0815-040048
First Inventor	Timothy A. Feher
Title	Impeller Lock Assembly and Method
Express Mail Label No.	EL653126636US

22581 U.S. PTO  
10/807847

032404

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 16]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or  
its equivalent.
17. ☒ Other: Express Mail Certificate; Checks for  
\$964.00 and \$40.00.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_/\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☒ Customer Number:**28289**

(Insert Customer No. or Attach bar code label here)

OR ☐ Correspondence address below

Name	Richard L. Byrne				
	Webb Ziesenheim Logsdon Orkin & Hanson, P.C.				
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	436 Seventh Avenue				
City	Pittsburgh	State	PA	Zip Code	15219
Country	United States	Telephone	412-471-8815	Fax	412-471-4094

Name (Print/Type)	Richard L. Byrne	Registration No. (Attorney/Agent)	28,498
Signature		Date	March 24, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**PATENT APPLICATION FEE TRANSMITTAL****MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing is the patent application of: Timothy A. Feher

Entitled: "Impeller Lock Assembly and Method"

Small Entity Status:

- ☐ Small Entity Statement under 37 CFR 1.27 is enclosed  
☐ Small Entity Status is asserted for this application under 37 CFR 1.27

Enclosed are: ☒ 4 sheets of drawings  
☒ An Assignment of the invention to: Elliott Comapny  
☒ Declaration and Power of Attorney  
☒ Application Data Sheet

**CLAIMS AS FILED**

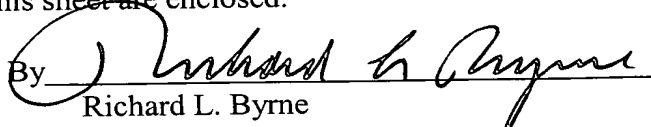
	<u>No. Filed</u>	<u>No. Extra</u>	<u>Small Entity Rate</u>	<u>Non-Small Entity Rate</u>	<u>Charge</u>
Total					
Claims <u>26</u> -20 = <u>6</u>			x \$ 9.00	x \$ 18.00	\$108.00
Indep.					
Claims <u>4</u> -3 = <u>1</u>			x \$ 43.00	x \$ 86.00	\$ 86.00
Multiple Dependent Claim/s			+ \$145.00	+ \$290.00	\$ 0
Basic Fee			+ \$ 385.00	+ \$770.00	\$770.00
			Total of above Charges		\$964.00
			Total Fee		\$964.00

A check in the amount of \$964.00 is enclosed to cover the filing fee and extra claims; and a check in the amount of \$40.00 is enclosed to cover the fee for Assignment Recordation.

The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16 or patent application processing fees under 37 CFR 1.17 associated with this communication to Deposit Account No. 23-0650. Please refund any overpayment to Deposit Account No. 23-0650.

An original and two copies of this sheet are enclosed.

March 24, 2004  
Date

By   
Richard L. Byrne  
Registration No. 28,498  
Attorney for Applicant  
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PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

Timothy A. Feher

0815-040048

ENTITLED

"Impeller Lock Assembly and Method"

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number EL 653126636 US

Date of Deposit March 24, 2004

I hereby certify that the following attached papers or fees

UTILITY PATENT APPLICATION TRANSMITTAL (1 p.);  
PATENT APPLICATION FEE TRANSMITTAL (1 p.-in trip.);  
APPLICATION DATA SHEET (2 pp.)  
SPECIFICATION (10 pp.);  
CLAIMS (5 pp.);  
ABSTRACT OF THE DISCLOSURE (1 p.);  
FOUR (4) SHEETS OF DRAWINGS;  
DECLARATION AND POWER OF ATTORNEY (2 pp.);  
ASSIGNMENT (2 pp.);  
ASSIGNMENT RECORDATION FORM (1 p.);  
Check for \$964.00 for filing fee and extra claims; and  
Check for \$40.00 for Assignment Recordation.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Florence P. Trevethan

(Typed name of person mailing paper or fee)

Florence P. Trevethan

(Signature of person mailing paper or fee)